

4 426/11

1870



RECORDED

A.D. 1870, 7th APRIL. N° 1029.

Cleansing Fermentable Liquids.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by Charles Clinch at the Office of the Commissioners of Patents, with his Petition, on the 7th April 1870.

I, CHARLES CLINCH, of Witney, in the County of Oxford, Brewer,
5 do hereby declare the nature of the said Invention for "IMPROVEMENTS
IN APPARATUS FOR 'CLEANSING' BEER AND OTHER FERMENTABLE LIQUIDS," to be
as follows:—

According to my Invention I mount a tub or vessel upon each cleansing
cask for receiving the yeast evolved from the liquid under fermentation,
10 and for maintaining the supply of the liquid in the cleansing cask as it
diminishes by the evolution of the yeast. The yeast tub is put in com-
munication with the cleansing cask in the following manner:—The
bottom of said tub is provided with a central aperture furnished with a
metal bush or collar which fits accurately into a corresponding bush or
15 socket fitted to the bung hole or aperture in the cleansing cask. A tight
joint is obtained by the aid of a tube provided with an outer flange, and
screw threaded at the lower part, which screws into the collar or socket
of the cleansing cask, the flange bearing on the metal bush before

Clinch's Improvements in Apparatus for Cleansing Fermentable Liquids.

described as being fitted to the bottom of the yeast tub, which is thus firmly attached to the cleansing cask. This tube rises in the yeast tub, near the bottom of which it is provided with one or more apertures or slots. The yeast tub may moreover be furnished with cocks for regulating the level of and drawing off the liquid. The cleansing process is 5 conducted as follows:—The yeast tub being mounted on the cleansing cask as above described the beer or other fermenting liquid to be “cleansed” is supplied thereto by the tube above mentioned, the yeast tub being also filled to the required height to replenish the cleansing cask as the yeast is worked off, the latter rising 10 through the tube, from the mouth of which it flows into the yeast tub, the liquid to supply its place passing down into the cleansing cask through the slots or apertures at the lower part of said tube. Before the cleansing is quite completed the yeast tub is removed from the cleansing cask and an open funnel substituted therefor, also screwed to 15 the cask, in which funnel a small portion of yeast rises so as to fill the same and prevent the ingress of atmospheric air to the beer owing to its funnel shape, while it permits any gas which may continue to be disengaged to escape freely. The beer or other liquid when finished is drawn off for use or storage as usual. 20

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1870.